

W. J. MONTGOMERY.

SLATE.

No. 178,182.

Patented May 30, 1876.

FIG. 1.

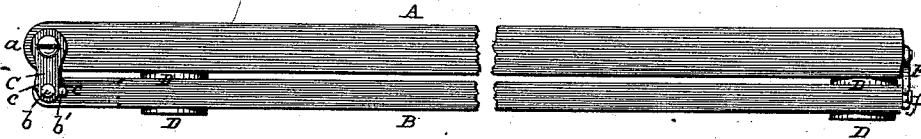
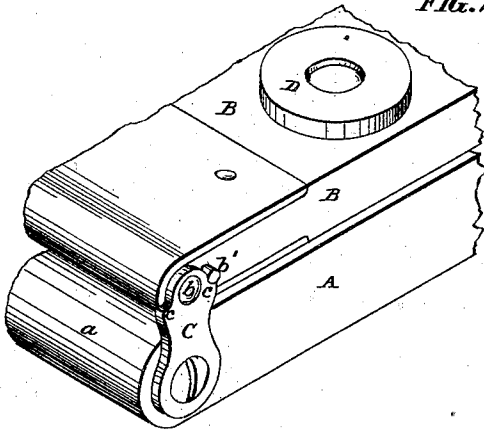


FIG. 2.



ATTEST:

Robert Burns.
Le Blond Burdett

INVENTOR:

William J. Montgomery
By Knight & Co.
Atty.

UNITED STATES PATENT OFFICE

WILLIAM J. MONTGOMERY, OF ST. LOUIS, MISSOURI, ASSIGNOR OF ONE-HALF HIS RIGHT TO CHARLES H. STONE, OF SAME PLACE.

IMPROVEMENT IN SLATES.

Specification forming part of Letters Patent No. **178,182**, dated May 30, 1876; application filed April 7, 1876.

To all whom it may concern:

Be it known that I, WILLIAM J. MONTGOMERY, of the city and county of St. Louis and State of Missouri, have invented a certain new and useful Improvement in School-Slates, of which the following is a full, clear, and exact description, reference being had to the accompanying drawing, making part of this specification.

My invention relates to those slates which are provided with hinged covers.

My improvement consists, first, in combining with an ordinary slate, having a reversible cover, a fastening adapted to lock said cover upon either side of the slate. My improvement consists, secondly, in a peculiar construction of hinge adapted to turn with the cover, and consisting of a pivoted ear having projections which engage with a guide-pin and a pivot.

Figure 1 is an edge view. Fig. 2 is an enlarged detail perspective view, showing the hinge at one corner.

A is the slate, and B is the cover. C is a pivoted ear, of which there is one upon each of the two sides of the slate, and to which the cover B is connected by pivot-pins *b*, projecting from the edges of the cover at the corners. The ears C have projections *c c*, which are engaged by the pin *b'* as the cover is reversed,

so as to carry around the ears with the cover, and prevent the cover jamming against the end *a* of the slate. D D are bosses of rubber upon both sides of the reversible cover.

These rubbers or bosses perform two offices: first, they prevent the noisy contact of the slate with the desk; and, secondly, prevent the rattling of the cover against the slate-frame, and by their elasticity act, in combination with the hook-fastening F, to hold the cover firmly in place.

The hook F is pivoted to the end bar of the slate, and is capable of being swung around, so as to engage the eye or pin *f*, when the cover is over either face of the slate.

The purpose of the cover is to prevent the accidental erasure of marks from the slate.

I claim—

1. The combination, with the slate A having reversible cover, B, of the fastening F, adapted to lock said cover upon either side of the slate, as and for the purpose set forth.

2. The hinge, consisting of pivoted ear C, having projections *c c*, pivot *b*, and guide-pin *b'*, as and for the purpose set forth.

WILLIAM J. MONTGOMERY.

Witnesses:

SAML. KNIGHT,
ROBT. BURNS.